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OM protein - protein search, using sw model

Run on: June 25, 2003, 14:42:11 ; Search time 10.907 Seconds
(without alignments)
283.251 Million cell updates/sec

Title: US-09-622-613B-6

Perfect score: 583
Sequence: 1 MDWLTFFOKHLNTRDVC.....TFCVTCENQAPVHVGVCNC 105

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/prodata/1/1aa/5A_COMB.pep:*
2: /cgn2_6/prodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/prodata/1/1aa/6A_COMB.pep:*
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5: /cgn2_6/prodata/1/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/prodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	558	95.7	104	1	US-08-467-955-2
2	558	95.7	105	3	US-08-875-811-39
3	558	95.7	355	3	US-08-875-811-41
4	558	95.7	358	3	US-08-875-811-51
5	556	95.4	104	4	US-09-394-268-1
6	556	95.4	104	4	US-09-687-748-1
7	556	95.4	112	3	US-08-875-811-32
8	556	95.4	129	3	US-08-875-811-63
9	556	95.4	251	3	US-08-875-811-61
10	556	95.4	254	3	US-08-875-811-59
11	556	95.4	355	3	US-08-875-811-49
12	556	95.4	355	3	US-08-875-811-57
13	556	95.4	355	3	US-08-875-811-64
14	556	95.4	366	3	US-08-875-811-55
15	556	95.4	379	3	US-08-875-811-43
16	553	94.9	104	1	US-07-921-619-1
17	553	94.9	104	1	US-08-467-955-1
18	553	94.9	104	2	US-08-891-848-13
19	553	94.9	104	3	US-08-875-811-1
20	551	94.5	104	4	US-09-071-672-1
21	551	94.5	105	3	US-08-875-811-26
22	551	94.5	106	3	US-08-875-811-30
23	551	94.5	107	3	US-08-875-811-28
24	550	94.3	105	3	US-08-875-811-24
25	548	94.0	104	4	US-09-394-268-2
26	548	94.0	104	4	US-09-687-748-2

28	547	93.8	358	3	US-08-875-811-45	Sequence 45, Appl
29	547	93.8	365	3	US-08-875-811-53	Sequence 53, Appl
30	528	90.6	107	3	US-08-875-811-20	Sequence 20, Appl
31	495	84.9	360	3	US-08-875-811-47	Sequence 47, Appl
32	483.5	82.9	111	3	US-08-875-811-22	Sequence 22, Appl
33	445	76.3	83	3	US-08-875-811-2	Sequence 2, Appl
34	445	76.3	83	4	US-09-071-672-3	Sequence 3, Appl
35	289	49.6	111	2	US-08-891-848-12	Sequence 12, Appl
36	289	49.6	111	3	US-08-875-811-8	Sequence 8, Appl
37	217.5	37.3	114	4	US-09-223-118-4	Sequence 4, Appl
38	205.5	35.2	114	4	US-09-223-118-2	Sequence 2, Appl
39	204.5	35.1	114	4	US-09-223-118-1	Sequence 1, Appl
40	202.5	34.7	114	4	US-09-223-118-3	Sequence 3, Appl
41	157.5	27.0	169	1	US-08-441-629-2	Sequence 2, Appl
42	157.5	27.0	169	3	US-08-776-207-2	Sequence 2, Appl
43	157.5	27.0	169	4	US-09-507-773-2	Sequence 2, Appl
44	157.5	27.0	169	5	PCT-US95-09172-2	Sequence 2, Appl
45	146	25.0	28	3	US-08-875-811-3	Sequence 3, Appl

ALIGNMENTS

RESULT 1
US-08-467-955-2
; Sequence 2, Application US/08467955
; Patent No. 5728805
GENERAL INFORMATION:
; APPLICANT: Ardelt Ph.D, Wojciech J.
; TITLE OF INVENTION: PHARMACEUTICALS AND METHOD FOR MAKING THEM
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark H. Jay, P.A.
; STREET: P.O. Box E
; CITY: Short Hills
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07078-0383
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,955
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/178,118
; FILING DATE: 06-APR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/436,141
; FILING DATE: 13-NOV-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/814,332
; FILING DATE: 03-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/283,970
; FILING DATE: 01-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jay, Mark H.
; REGISTRATION NUMBER: 27507
; REFERENCE/DOCKET NUMBER: 5007 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-912-9066
; TELEFAX: 201-912-0442
; TELEX: NO. 5728805 Applicable
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 104 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear

MOLECULE TYPE: protein
HYPOTHETICAL: N
ANTI-SENSE: N
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: Rana pipiens
DEVELOPMENTAL STAGE: Oocyte
US-08-467-955-2

Query Match 95.7%: Score 558; DB 1; Length 104;
Best Local Similarity 96.2%: Pred. NO. 1.3e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 QDMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 61
1 EDMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 60

QY 62 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGHC 105
61 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGRC 104

RESULT 2

US-08-875-811-39
Sequence 39, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Lluís
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 105 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-39

Query Match 95.7%: Score 558; DB 3; Length 105;
Best Local Similarity 95.2%: Pred. NO. 1.3e-60;
Matches 100; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 MODMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 60
1 EDMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 60

QY 61 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGHC 105
61 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGSC 105

RESULT 3

US-08-875-811-41
Sequence 41, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Bogue, Lluís
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Paris, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-41

Query Match 95.7%: Score 558; DB 3; Length 355;
Best Local Similarity 95.2%: Pred. NO. 6.3e-60;
Matches 100; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 MODMLTFQKKHLTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 60
1 EDMLTFQKKHVTNTRDVDCNNIMSTNLFHCKDKNTFTYSRPPVKAICKGIISKNVLT 310

QY 61 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGHC 105
61 TSEFYLSDCNVTSRPCKYKLRKSTNTFCVTCENQAPVHFVGVGSC 355

RESULT 4
US-08-875-811-51

Sequence 51, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,811
FILING DATE: 19-FEB-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/02588
FILING DATE: 19-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/011,800
FILING DATE: 21-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Fairs, Susan K.
REGISTRATION NUMBER: 41,739
REFERENCE/DOCKET NUMBER: 015280-244100US
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 358 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-875-811-51

Query Match 95.7%; Score 558; DB 3; Length 358;
Best Local Similarity 95.2%; Pred. No. 6.4e-60;
Matches 100; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 MODLTFQKKHLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 60
Db 1 MEDMLTFQKKHITNTRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 60

QY 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 105
Db 61 TSEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 105

RESULT 5
US-09-394-268-1
Sequence 1, Application US/09394268
Patent No. 6175003
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING RIBONUCLEASES AND METHODS OF
FILE REFERENCE: 5013
CURRENT APPLICATION NUMBER: US/09/394,268
CURRENT FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1

LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-394-268-1

Query Match 95.4%; Score 556; DB 4; Length 104;
Best Local Similarity 96.2%; Pred. No. 2.2e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 QDWLTFQKKHLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 61
Db 1 QDWLTFQKKHITNTRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 60

QY 62 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 105
Db 61 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 104

RESULT 6
US-09-687-748-1
Sequence 1, Application US/09687748
Patent No. 6423515
GENERAL INFORMATION:
APPLICANT: Saxena, Shalendra K
TITLE OF INVENTION: METHODS OF MAKING NUCLEIC ACIDS ENCODING RIBONUCLEASES
FILE REFERENCE: 5013 US 01
CURRENT APPLICATION NUMBER: US/09/687,748
CURRENT FILING DATE: 2000-10-14
PRIOR APPLICATION NUMBER: 09/394,268
PRIOR FILING DATE: 1999-09-10
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 104
TYPE: PRT
ORGANISM: Rana pipiens
US-09-687-748-1

Query Match 95.4%; Score 556; DB 4; Length 104;
Best Local Similarity 96.2%; Pred. No. 2.2e-60;
Matches 100; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 QDWLTFQKKHLTNRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 61
Db 1 QDWLTFQKKHITNTRDVCNNIMSTNLFHCKDKNTFTYSRPEPVKAICKGIASKNVLT 60

QY 62 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 105
Db 61 SEFYLSDCNVTSRPCKYKLLKSTNTFCVTCENQAPVHFVGVC 104

RESULT 7
US-08-875-811-32
Sequence 32, Application US/08875811
Patent No. 6045793
GENERAL INFORMATION:
APPLICANT: Rybak, Susanna M.
APPLICANT: Newton, Dianne L.
APPLICANT: Boque, Luis
APPLICANT: Wlodawer, Alexander
TITLE OF INVENTION: Recombinant Ribonuclease Proteins
NUMBER OF SEQUENCES: 64
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

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1      SOFTWARE: PatentIn Release #1.0, Version #1.03
2      CURRENT APPLICATION DATA:
3      APPLICATION NUMBER: US/08/875,811
4      FILING DATE: 19-FEB-1998
5      CLASSIFICATION: 435
6      PRIOR APPLICATION DATA:
7      APPLICATION NUMBER: WO PCT/US97/02568
8      FILING DATE: 19-FEB-1997
9      PRIOR APPLICATION DATA:
10     APPLICATION NUMBER: US 60/011,800
11     FILING DATE: 21-FEB-1996
12     ATTORNEY/AGENT INFORMATION:
13     NAME: Paris, Susan K.
14     REGISTRATION NUMBER: 41,739
15     REFERENCE/DOCKET NUMBER: 015280-244100US
16     TELECOMMUNICATION INFORMATION:
17     TELEPHONE: (415) 576-0200
18     TELEFAX: (415) 576-0300
19     INFORMATION FOR SEQ ID NO: 32:
20     SEQUENCE CHARACTERISTICS:
21     LENGTH: 112 amino acids
22     TYPE: amino acid
23     TOPOLOGY: linear
24     MOLECULE TYPE: protein
25     US-08-875-811-32

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1 NAME: Paris, Susan K.
2 REGISTRATION NUMBER: 41,739
3 REFERENCE/DOCKET NUMBER: 015280-2441000S
4 TELECOMMUNICATION INFORMATION:
5 TELEPHONE: (415) 576-0200
6 TELEFAX: (415) 576-0300
7 INFORMATION FOR SEQ ID NO: 63:
8 SEQUENCE CHARACTERISTICS:
9     LENGTH: 129 amino acids
10    TYPE: amino acid
11    TOPOLOGY: linear
12    MOLECULE TYPE: protein
13 US-08-875-811-63

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RESULT 8
 US-08-875-811-63
 Sequence 63, Application US/08875811
 Patent No. 6045793
 GENERAL INFORMATION:
 APPLICANT: Rybak, Susanna M.
 APPLICANT: Newton, Dianne L.
 APPLICANT: Bogue, Luis
 APPLICANT: Wlodawer, Alexander
 TITLE OF INVENTION: Recombinant Ribonuclease Proteins
 NUMBER OF SEQUENCES: 64
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/875,811
 FILING DATE: 19-FEB-1998
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: NO PCT/US97/02588
 FILING DATE: 19-FEB-1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/011,800
 FILING DATE: 21-FEB-1996
 ATTORNEY/AGENT INFORMATION:


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; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/025588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Faris, Susan K.
; REGISTRATION NUMBER: 41,739
; REFERENCE/DOCKET NUMBER: 015280-244100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-875-811-57

Query Match          95.4%; Score 556; DB 3; Length 355;
Best Local Similarity 95.2%; Pred. No. 1.1e-59;
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MODWLTFQKHLJTRDVCNNIMSTNLFHCKDKNTFYLSRPEPKAICKGIISKNVLT 60
DB 1 MSDWLTFQKHLJTRDVCNNIMSTNLFHCKDKNTFYLSRPEPKAICKGIISKNVLT 60
QY 61 TSEFLSDCNVTSRCKYKLLKSTNTFCVTCENQAPVHFVGVGHC 105
DB 61 TSEFLSDCNVTSRCKYKLLKSTNTFCVTCENQAPVHFVGVGSC 105

RESULT 13
US-08-875-811-64
; Sequence 64, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Boque, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US97/025588
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/011,800
; FILING DATE: 21-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Faris, Susan K.
; REGISTRATION NUMBER: 41,739
; REFERENCE/DOCKET NUMBER: 015280-244100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..355
; OTHER INFORMATION: /note="E6FB|Met-(-1)]Ser|onc"
; US-08-875-811-64

Query Match          95.4%; Score 556; DB 3; Length 355;
Best Local Similarity 95.2%; Pred. No. 1.1e-59;
Matches 100; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 MODWLTFQKHLJTRDVCNNIMSTNLFHCKDKNTFYLSRPEPKAICKGIISKNVLT 60
DB 251 MSDWLTFQKHLJTRDVCNNIMSTNLFHCKDKNTFYLSRPEPKAICKGIISKNVLT 310
QY 61 TSEFLSDCNVTSRCKYKLLKSTNTFCVTCENQAPVHFVGVGHC 105
DB 311 TSEFLSDCNVTSRCKYKLLKSTNTFCVTCENQAPVHFVGVGSC 355

RESULT 14
US-08-875-811-55
; Sequence 55, Application US/08875811
; Patent No. 6045793
; GENERAL INFORMATION:
; APPLICANT: Rybak, Susanna M.
; APPLICANT: Newton, Dianne L.
; APPLICANT: Boque, Luis
; APPLICANT: Wlodawer, Alexander
; TITLE OF INVENTION: Recombinant Ribonuclease Proteins
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,811
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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Search completed: June 25, 2003, 15:00:15
Job time : 10.907 secs

